

## ADRIAN ALEXANDER

aalexa24@syr.edu

(929) 604-9557

Portfolio: [https://ad-adrian.github.io/Alexander\\_Adrian\\_Porfolio/](https://ad-adrian.github.io/Alexander_Adrian_Porfolio/)

---

### EDUCATION

UNIVERSITY AT BUFFALO, THE STATE UNIVERSITY OF NEW YORK

Bachelor of Science, Business Administration

June 2022

**Concentration in Management Information Systems**

### EXPERIENCE

**ONEBRIDGE BENEFITS**, Buffalo, NY

**Data Analyst**, December/2022 - Present

- Built Power BI dashboard for customer service department to evaluate vital Employee response time metrics which led to the department's reduction in response time.
- Heavily involved in the company's transition from SSRS to Power BI reports to increase report production by 30%.
- Converted legacy stored procedures into views to create self-service workspace for managers to generate their own reports based on the developed datasets, increasing the data analytics department efficiency by 20%.
- Maintained large databases and utilized various professional techniques to collect, analyze, and interpret data from clients.

**SONWIL DISTRIBUTION CENTER**, Buffalo, NY

**Electronic Data Interchange Analyst**, August/2022-October/2022

- Tested troubleshooting methods, devised innovative solutions, and documented resolutions for inclusion in the knowledge base for the support team.
- Created ETL test data for all ETL mapping rules to test the functionality of the ETL mapping, and used the ETL tool for extraction, transformation, and loading the data into the target database.
- Utilized Microsoft SQL server database to develop SQL queries to gather data on various scenarios and analyze data for solving client issues.
- Closely analyzed and performed file tracking for all trading partners sending X12, XML, and flat files.

### PROJECTS

#### SQL ANALYSIS PROJECT

**Coronavirus Infection Rate Analysis**, October/2022-October/2022

- Imported and performed data cleaning tasks with advanced Excel skills to make data less prone to issues in the database.
- Created and Imported data to an SQL server database to further decipher and manipulate the data to view the current coronavirus Infection rates worldwide.
- Fine-tuned SQL queries for maximum efficiency and targeted data to display the infection rate trends per country in the database.
- Imported and visualized retrieved data with Tableau and applied analytical skills to create a complex visualization of current coronavirus infection rates, trends, and future projections.

#### STOCK ANALYSIS PROJECT

**Stock Performance Analysis**, February/2022 S- February /2022

- Applied Python skills to perform web scrapping and extract stock data from web API.
- Utilized Python, pandas, and Matplotlib in conjunction to showcase various statistics on the performance of the stocks with complex graphs.
- Diagnosed and addressed errors in code ensuring a streamlined, smooth extraction of data.
- Collaborated with the team to successfully create an investment report based on our analysis of the stock performance pulled from our data.

### TECHNICAL SKILLS

**Proficient:** SQL, Oracle SQL, Microsoft Power BI, Tableau, Microsoft Excel, Microsoft Access, GitHub, HTML, CSS, Microsoft Word, and Microsoft PowerPoint. **FAMILIAR:** JavaScript, Python